

FLAT MAIL ADDRESS & BAR CODE ANALYSIS

Update

May 1, 2007



- ❑ Assessment of flat mail that will be processed on the future Flat Sequencing System**
 - Mail processed on existing flat automation equipment**
 - CR-RT bundles that bypass AFSM100 operations**



❑ Sample Flat Mail Collection

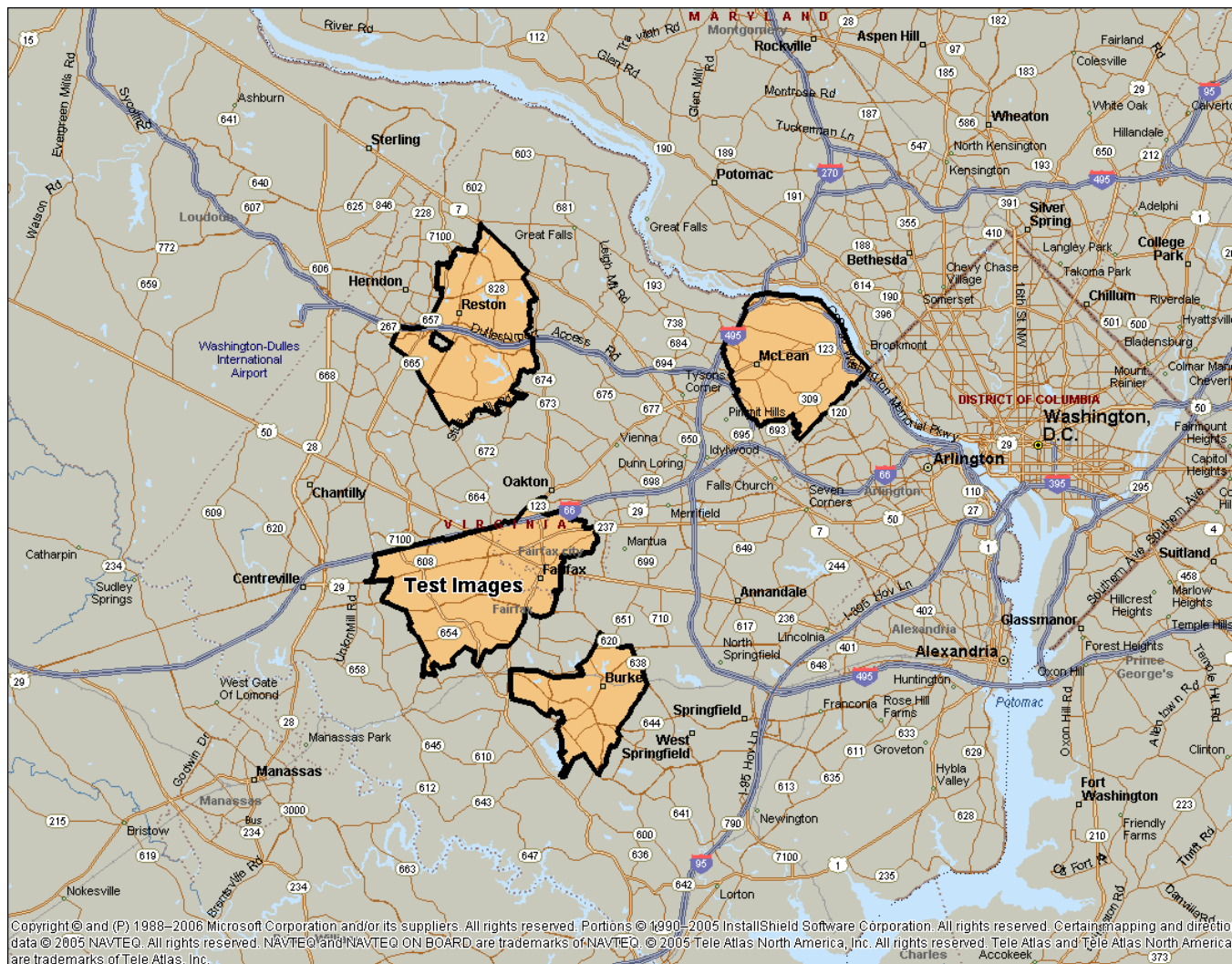
- Collection period September 12 to October 6, 2006**
- Collected Images at the carrier unit**
 - ◆ All classes**
 - ◆ All mail for the route on sampling days**
- Utilized mobile scanning unit similar to FSS technology**



❑ Sample Flat Mail Collection (continued)

- Opened bundle mail and captured individual pieces**
- Approximately 62% of the total sample from CR-RT bundles**

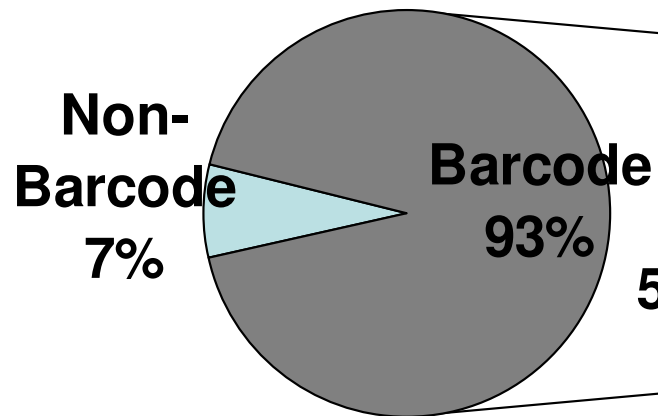
Image Collection Areas





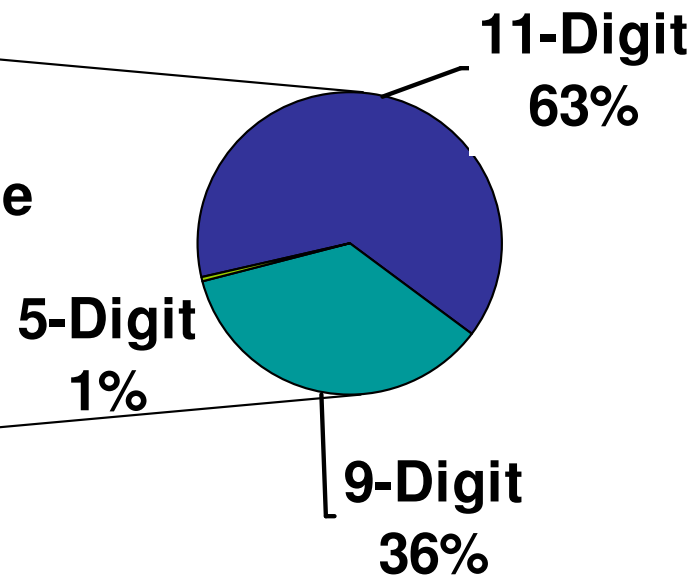
All Pieces

47,869



Barcode Pieces

44,508



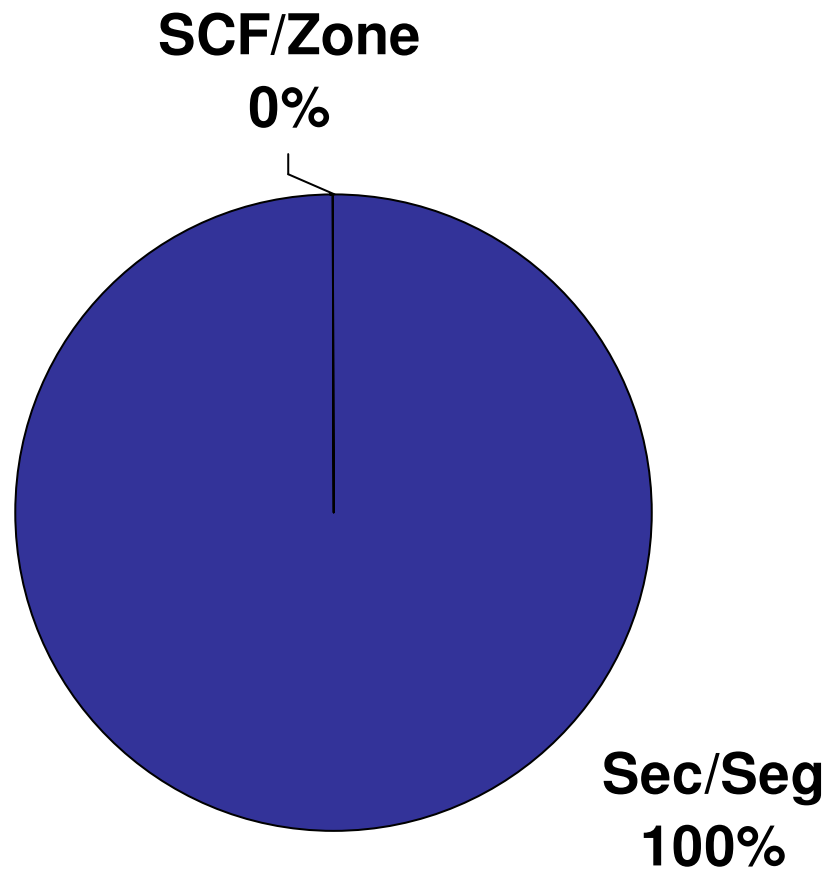


- ❑ **Overall weighted barcode error rate: 1.2%**
 - **Error rate by barcode type:**

Barcode Length	Error Rate
5 – Digit	0%
9 – Digit	0.3%
11 – Digit	1.7%

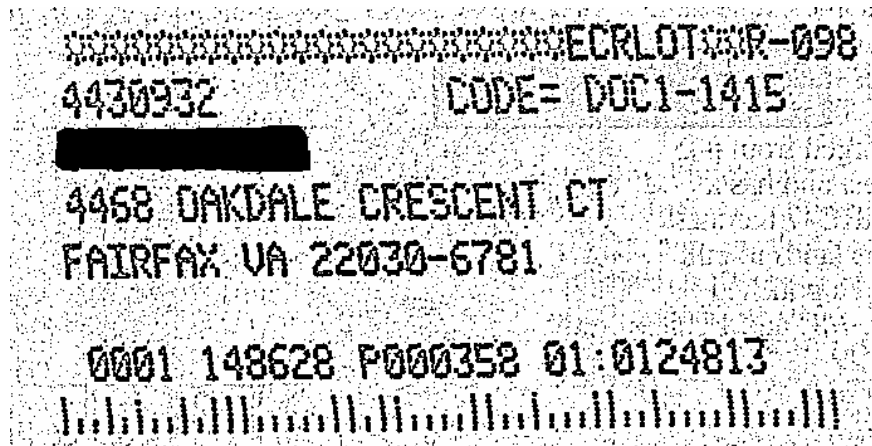


9 Digit Barcode Error Analysis





Sample Plus-4 Error



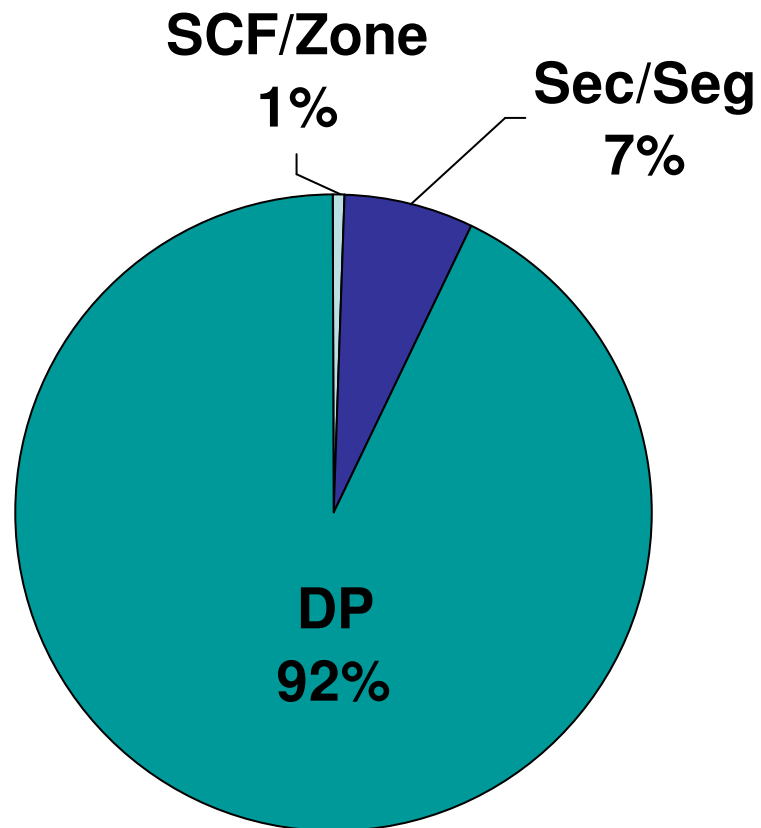
Postal Address database reflects three ZIP+4 records.

Piece was coded to the apartment ZIP+4 record.

While this is an address of an apartment building, based on the printed address, the piece should have been coded to the building.

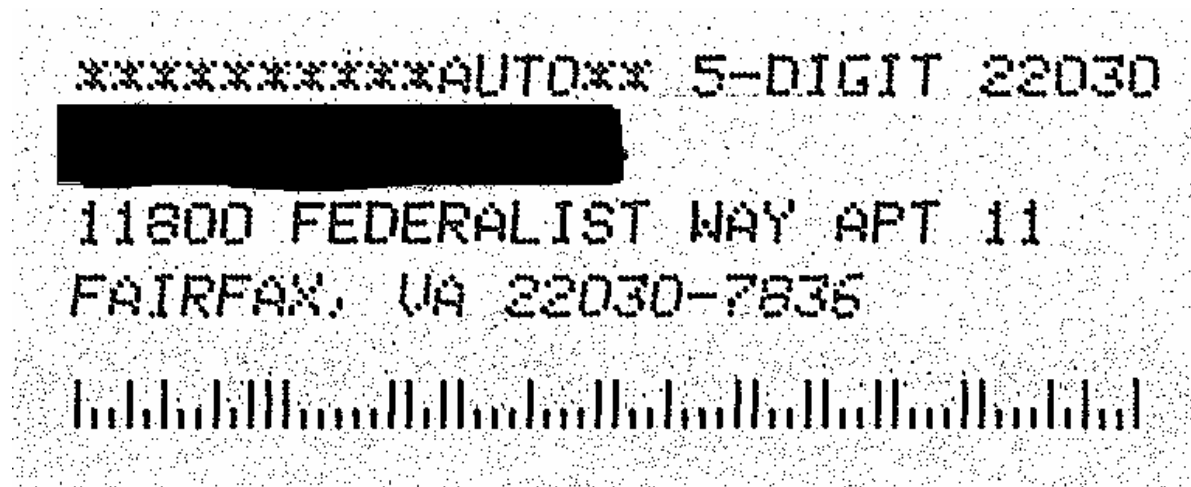


11 Digit Barcode Error Analysis





Sample Delivery Point Error



Postal Address database reflects three ZIP+4 records.

Piece was coded to the building record with a Plus-2 of 00.

Based on the printed address, the piece should have been coded to the apartment record with a Plus-2 of 11.



Mail Class Analysis

Class	% of Errors
First Class	2%
Standard	89%
Periodicals	7%
Bound Printed Matter	2%